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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/884,477	06/20/2001	Gunther L. Brenes	53470.003008	9574

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HUNTON & WILLIAMS LLP
INTELLECTUAL PROPERTY DEPARTMENT
1900 K STREET, N.W.
SUITE 1200
WASHINGTON, DC 20006-1109

EXAMINER

LU, KUEN S

ART UNIT	PAPER NUMBER
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2167

DATE MAILED: 12/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/884,477	Applicant(s) BRENES ET AL.	
	Examiner Kuen S Lu	Art Unit 2167	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 June 2001.
 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 4-31 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) ☐ Claim(s) _____ is/are allowed.
 6) ☒ Claim(s) 1,2 and 4-31 is/are rejected.
 7) ☐ Claim(s) _____ is/are objected to.
 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

1. The Applicants' Amendment filed on 9/7/2004 is noted and considered. The Amendment to the abstract is considered and the amendment to the claims is being addressed in the following "***DETAILED ACTION***" and "***Response to Arguments***" Sections.

DETAILED ACTION

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-2, 4-8, 10, 13-20, 22 and 25-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eynard et al. (U.S. Publication 2002/0174050, hereafter "Eynard") and in view of Araujo et al. (U.S. Publication 2003/0191799, hereafter "Araujo").

As per claims 1, 13, 25 and 27, Eynard teaches "network server for receiving user input to remotely manipulate or modify at least one report generated by at least one data source, the user input being initiated by activation of a markup language construct associated with the at least one report" at Page 2, [0019] and Fig. 1 where users (elements 104-106) access the server (element 102) via the network (element 103), and at Fig. 2, elements 202-210 and Page 3, [0032] where user data including markup language structure (Page 4, [0035]) is input to the server, at Page 4, [0037] and Fig. 3B

where files in the file groups may be implemented as a portion of a database (Fig. 1, elements 114-116 and Page 4, [0038]) and files generated to be presented to the user, and at Page 3, [0032] where file replies to the user confirms with XML/HTML formats.

Eynard does not specifically teach “the network server serving to translate the user input received via first network enabled code to second network enabled code”

However, Araujo teaches “the network server serving to translate the user input received via first network enabled code to second network enabled code” at the Abstract, Fig. 1 and Page 6, [0062]-[0065] where a Server Enablement Platform translates user input originating from the browser into application specific protocols, including MS-RDP, HTTP, IMAP4 and SMB, and applies a result to a corresponding office application server.

It would have been obvious to one having ordinary skill in the art at the time of the applicant's invention was made to combine Araujo's teaching into Eynard reference by consolidating all services under a SEP and an application server because both references are devoted to remote clients communicating to services via network and the combined reference would have allowed a business management system to fully realize the benefits of cost-effective, management-efficient and system configuration-simple from a consolidated SEP and application server for providing all necessary services needed by the business management system.

Eynard further teaches “a reporting server, communicating with the user interface, the reporting server being configured to respond to the user input to manipulate the at least one report generated from the at least one data source by

accessing an image of the at least one report, and generating results to present via the user interface” at Fig. 2, elements 202-204 where user communicates with the user interface (element 103) to the server (Fig. 3B, element 102), and at Fig. 2, elements 202-204 and Fig. 3B, elements 304/334 and Page 3, [0032] and Page 4, [0037] where server receives user input and the server manager services process receives direction and provides result from files in the group files, including in forms or presentation format, and at Page 4, [0037], [0040]-[0041] and Page 8, [0052] where the manage-presentation-services process manipulates the data and presents to the user.

As per Claims 2, 14, 26 and 28, Eynard teaches “the image of the at least one report comprises an image stored in at least one of an electronic memory and a storage medium of the reporting server” at Fig. 1, element 116 and Page 3, [0026] where node data may be stored on any conventional memory, including RAM, disk and tape.

As per Claims 4, 16 and 29, Araujo further teaches “the network server comprises a Web server” at Fig. 1 where elements 70 and 76 are servers for web services.

As per Claims 5 and 17, Araujo further teaches the following:
“translate the user input received via first network enabled code to second network enabled code” at the Abstract, Fig. 1 and Page 6, [0062]-[0065] where a Server Enablement Platform translates user input originating from the browser into application specific protocols, including MS-RDP, HTTP, IMAP4 and SMB, and applies a result to a corresponding office application server;

“access the at least one data resource via the second network enabled code” Fig. 1, element 70-72 and 76-78 where the second network code includes one of MS-RDP, IMAP4 and SMB; and

“present results to the user via the first network enabled code” at Fig. 1, element 15 and Page 6, [0062] where remote user receives result via Browser.

As per Claims 6, 18 and 30, Araujo further teaches “the first network enabled code comprises at least HTML code” at Fig. 1, element 74 where HTTP service is provided.

As per Claims 7 and 19, Araujo further teaches “the second network enabled code comprises at least HTML code” at Fig. 1, element 74 where HTTP service is provided.

As per Claims 8 and 20, Araujo further teaches “user input is received from a Web browser” at Fig. 1, elements 15 and 74 where HTTP service is provided and Browser is utilized.

As per Claims 10 and 22, Araujo further teaches “wherein the results presented to the user are modifiable” at Fig. 1, elements 15 and 74, and Fig. 8 where HTTP service is provided, Browser is utilized, and email is received by the client which is modifiable.

As per Claim 15, Araujo further teaches “communicating with the user interface via a network server” at Fig. 1, elements 15, 10, 70, 74 where user browser and services are communicated via network and network services provided by the network server.

4. Claims 9 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eynard et al. (U.S. Publication 2002/0174050, hereafter “Eynard”) in view of Araujo et al. (U.S. Publication 2003/0191799, hereafter “Araujo”) as applied to Claims 1-2 and 13-14 above, and further in view of Hanzek (U.S. Patent 6,654,726).

As per Claims 9 and 21, the combined Araujo-Eynard teaches server to include communication and data management software for operation on a conventional network (See Eynard: Page 2, [0020]).

The combined Araujo-Eynard reference does not specifically teach "at least one data source comprises at least one OLAP-enabled database".

However, Hanzek teaches "at least one data source comprises at least one OLAP-enabled database" at Fig. 33, element 668 is the OLAP-enabled database.

It would have been obvious to one having ordinary skill in the art at the time of the applicant's invention was made to combine Hanzek' teaching with the combined Araujo-Eynard reference by including OLAP-enabled database as one of the data sources because the references are directed to system for business operation (See Arajuo: Fig. 14 where business applications is interfaced via the back-end business systems) and resource management and the combination would have had provided the integrated applications server with the flexibility for the formation and operation of a dynamic world-wide exchange using networked computer technology.

5. Clams 11-12 and 23-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eynard et al. (U.S. Publication 2002/0174050, hereafter "Eynard") in view of Araujo et al. (U.S. Publication 2003/0191799, hereafter "Araujo") as applied to Claims 1, 10, 13 and 22 above, and further in view of Nwabueze. (U.S. Pub. 2002/0144174).

As per claim 11 and 23, the combined Araujo-Eynard reference teaches user's input and system response for remote user data access as previously described in claims 1-10, 13-22 and 25-30 rejection.

The combined reference does not specifically teach the modifying the result of the cube data.

However, Nwabueze teaches “the modifications to the results comprise at least one of a table pivot, a pageby, a recalculated sum and a recalculated sort” at Page 8, [0074], lines 7-10 by allowing customer to modify the presentation of data in an OLAP cube in order to examine multiple business metrics for previously undetected relationship.

It would have been obvious to one having ordinary skill in the art at the time of the applicant's invention was made to combine Nwabueze' teaching with the combined Araujo-Eynard reference by allowing user to further modify the result cube because by doing so the presentation of report would be more flexible to fit business metrics for undetected relationship.

As per claims 12 and 24, the combined reference does not specifically teach modifying results being activated by URL link or query box.

However, Nwabueze teaches “the modifications to the results are activated by at least one of a URL link and a query box” at Page 8, [0075], lines 14-16 and Page 5, [0054], lines 17-20 by referring URLs in the page view and referring Query Wizard, respectively.

It would have been obvious to one having ordinary skill in the art at the time of the applicant's invention was made to combine Nwabueze' teaching with Hanzek and Araujo-Eynard references by allowing users better equipped to modify the end-result because by doing so analysts and managers would gain insight into data through fast,

consistent, interactive access to a wide variety of possible views of information that has been transformed from raw data to reflect the real dimensionality of the enterprise as understood by the user.

6. Claim 31 is rejected under 35 U.S.C. 103(a) as being unpatentable over Eynard et al. (U.S. Publication 2002/0174050, hereafter "Eynard") in view of Araujo et al. (U.S. Publication 2003/0191799, hereafter "Araujo") as applied to claim 27 above, and further in view of Nwabueze. (U.S. Pub. 2002/0144174).

As per claim 31, the combined Araujo-Eynard reference does not specifically teach modifying results being activated by URL link or query box.

However, Nwabueze teaches "the modifications to the results are activated by at least one of a URL link and a query box" at Page 8, [0075], lines 14-16 and Page 5, [0054], lines 17-20 by referring URLs in the page view and referring Query Wizard, respectively.

It would have been obvious to one having ordinary skill in the art at the time of the applicant's invention was made to combine Nwabueze' teaching with Araujo-Eynard references by allowing users better equipped to modify the end-result because by doing so analysts and managers would gain insight into data through fast, consistent, interactive access to a wide variety of possible views of information that has been transformed from raw data to reflect the real dimensionality of the enterprise as understood by the user.

7. The prior art made of record

A. U.S. Pub. No. 2002/0174050

- B. U.S. Patent No. 6,654,726
- C. U.S. Pub. No. 2002/0144174
- D. U.S. Pub. No. 2003/0191799

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

E. U.S. Pub. No. 2002/0059098

F. U.S. Patent No. 6,708,155

U. Oracle, Oracle9i OLAP, A Scalable Web_Based Business Intelligence Platform,
An Oracle White Paper, April 2001

V. Oracle, Oracle9i OLAP Services, Concepts and Administration Guide, Release 1
(9.0.1), June 2001

Response to Arguments

8. Applicant's arguments with respect to claims 1-2 and 4-31 have been considered but are moot in view of the new ground(s) of rejection.


Conclusions

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kuen S Lu whose telephone number is 571-272-4114. The examiner can normally be reached on 8 AM to 5 PM, Monday through Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on 571-272-4107. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Art Unit: 2167

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Kuen S. Lu


Patent Examiner

November 18, 2004



Luke Wassum

Primary Examiner

November 18, 2004